

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/00952

## A. CLASSIFICATION OF SUBJECT MATTER

According to International Patent Classification (IPC) or to both national classification and IPC

IPC<sup>7</sup> H04Q7/20

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup> H04B7/005 ; H04B7/26 ; H04B17/02 ; H04Q0/00 ; H04Q7/00 ; H04Q7/04 ; H04Q7/20 ; H04Q7/22 ; H04Q7/28 ;  
H04Q7/34 ; H04Q7/36 ; H04Q7/38 ; H04Q3/00, 7/20 ; G06F12/06 ; H04L 12/56

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

CNPAT

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI PAJ EPODOC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP1257096 A2 (SIEMENS INFORMATION&COMMUNICATIONS NET) , 13.NOV 2002 (13.11.2002)	1-20
	US2002082013A1 (SAMSUNG ELECTRONICS CO LTD) , 27 JUN 2002 (27.06.2002), see the whole document	1-20

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

## Special categories of cited documents:

document defining the general state of the art which is not considered to be of particular relevance

earlier application or patent but published on or after the international filing date

document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

document referring to an oral disclosure, use, exhibition or other means

document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

24 DEC 2003 (24.12.2003)

Date of mailing of the international search report

29 · APR 2004 (29 · 04 · 2004)

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PCT/ISA /210 (second sheet) (July 1998)

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**INTERNATIONAL SEARCH REPORT**  
Information patent family members

Search request No.

PCT/CN03/00952

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP1257096 A2	13.11.2002	BR200106258 A	20.08.2002
US2002082013 A1	27.06.2002	CN1360444 A	24.07.2002
		KR365598 B	26.12.2002
		WO0167641 A1	13.09.2001
		EP1177646 A1	06.02.2002
		KR2001088800 A	28.09.2001
		CN1364355 A	14.08.2002

PCT/ISA/210 (extra sheet6) (July 1998)

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